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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ED'S A-1 & A-2.	02-27-96	D. MARWILL
B	ADDED ITEMS 1A, 2A, 11A, 12A, 14A & 32 THRU 43; CHANGED CALLOUTS TO FIND NO'S; CORRECTED P/N OF ITEMS 3, 4 & 7; CHG QTY. OF ITEM 30; ADDED NOTES 10 & 11; ADDED DUAL LOCK & VELCRO EXAMPLES TO SHT 3; ADDED 2ND SECTION E-E & K-K TO SHT 6; ADDED 2ND SECTION B-B TO SHT 9; MINOR CHANGE - FAR 2195	12-20-01	D. MARWILL
C	CHG QTY. OF ITEMS 8, 9 & 10; ADDED LUG ITEM NLS TO SHT 3; MINOR CHANGE - FAR 2195	06-09-05	
D	INCORPORATED ECN 01999, 01944, & 02987	11-04-10	P. BRAVO
E	INCORPORATED ECN 03012, 03059 & 03115	05-17-11	P. BRAVO
F	INCORPORATED ECN 03656, 03750 & 04348	01-15-14	P. BRAVO

**CONTROL COPY
ISSUED DATE
FEB 05 2014**

A VENDOR: MCMASTER-CARR
A VENDOR: 3M, ST. PAUL, MN.
A VENDOR: DOW CHEMICAL MIDLAND, MI.
A VENDOR: CERTAINEED WICHITA FALLS, TX.
A (TANK S/N 112 THRU 118)
A (TANK S/N 111 THRU 117)
A BOND NUTPLATES, F/N 36, TO FAIRING USING CLICK BOND CB200 ACRYLIC ADHESIVE, F/N 38, AS REQUIRED
A ENLARGE VENT CAVITY HOLE TO 5.85 DIA.
A INSTALL DUAL LOCK PER 3M INSTALLATION INSTRUCTIONS.
A BOND TO SHELL USING LOCTITE 332 AND ACTIVATOR 7387.
H INSPECT ALL BUSHING FOR PROPER BONDING VISUALLY.
G LET SET AT ROOM TEMPERATURE FOR AT LEAST 30 MINUTES BEFORE TOOL IS REMOVED. LET SET FOR 24 HOURS BEFORE INSTALLATION OF TANKS TO AIRCRAFT.
F INSTALL BUSHING INTO LUGS AND HOLD IN POSITION, CLEAN ALL EXCESS BONDING MATERIAL FROM LUG AND BUSHING.
E APPLY SMALL AMOUNT OF ADHESIVE AROUND INNER STEM OF BUSHING. OUTER AREA OF BUSHING MUST PROVIDE METAL TO METAL CONTACT FOR GROUNDING.
D MIX HYSOL EA9320-A 100 PARTS TO B 19 PARTS OR LOCTITE 332 AND ACTIVATOR 7387.
C CLEAN BUSHING AND LUG WITH ACETONE IN AREA OF BONDING.
B BEAD-BLAST BONDED AREA OF BUSHING P/N 41228-202-051-005/-007.
A REMOVE GEL-COAT FROM LUG BUSHING FLANGE CONTACT POINT.
A FINISH LUG IN ACCORDANCE WITH ERA PROCESS SPECIFICATION No. 1012.
A FINISH TANK IN ACCORDANCE WITH ERA PROCESS SPECIFICATION No. 1012.
A BOND TO SHELL IN ACCORDANCE WITH ERA PROCESS SPECIFICATION No. 1020.
A ATTACH TO SHELL IN ACCORDANCE WITH ERA PROCESS SPECIFICATION No. 2003 PART B.
A LAY UP LUG ON SHELL IN ACCORDANCE WITH ERA PROCESS SPECIFICATION 1018 PART A (FAB) STEP 18-29.
A ATTACH TO SHELL IN ACCORDANCE WITH ERA PROCESS SPECIFICATION No. 1018 PART A (FAB) STEP 16-17.
A BOND TO SHELL USING 8084 RESIN AND 3/4 oz. MAT.

NOTES:

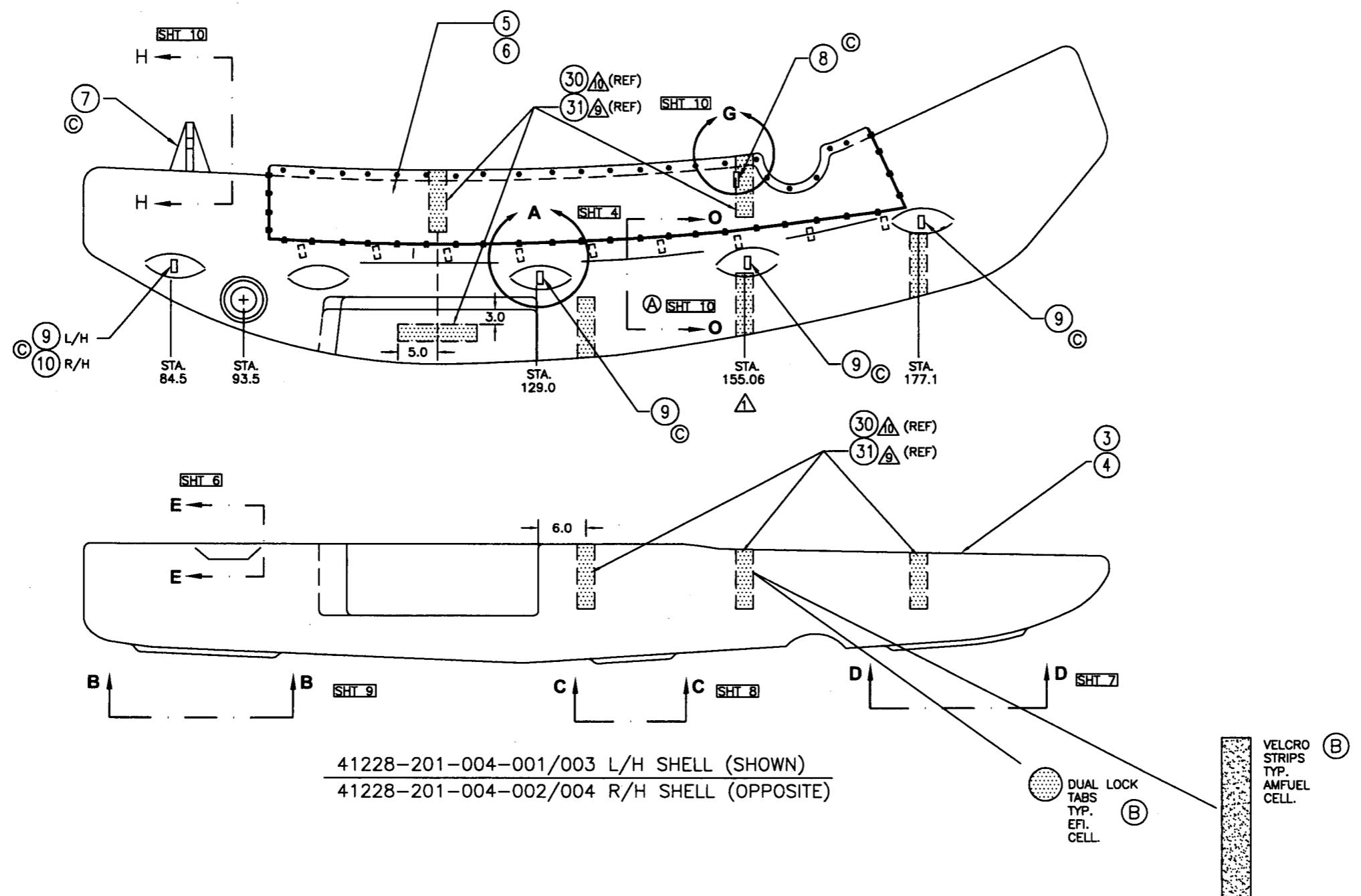
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	1	1	19	41228-202-126-003	FAIRING					
			18	DELETED						
			17	DELETED						
1	1	1	16	41228-202-097-002	FAIRING ASSY, FUEL RETURN					
	1	1	15	41228-202-097-001	FAIRING ASSY, FUEL RETURN					
1	1	1	14A	41228-202-156-001	FAIRING ASSY, VENT PLATE					
		1	14	41228-202-096-002	FAIRING ASSY, CROSS FEED					
		1	13	41228-202-096-001	FAIRING ASSY, CROSS FEED					
		12A	41228-202-103-004	VENT FAIRING			▲			
		1	11A	41228-202-103-003	VENT FAIRING		▲			
		1	12	41228-202-103-002	VENT FAIRING					
		1	11	41228-202-103-001	VENT FAIRING					
1	1	1	10	41228-202-105-003	UPPER LUG					
3	4	3	4	41228-202-105-001	UPPER LUG					
1	1	1	1	8	41228-202-077-001	LOWER LUG AFT				
1	1	1	1	7	41228-202-146-001	LOWER LUG FWD				
1		1	1	6	41228-202-081-002	R/H CLOSURE				
	1	1	1	5	41228-202-081-001	L/H CLOSURE				
1	1	1	4	41228-202-139-002	R/H SHELL					
	1	1	3	41228-202-139-001	L/H SHELL					
			2B	41228-201-004-006	R/H ASSY					
			1B	41228-201-004-005	L/H ASSY					
			2A	41228-201-004-004	R/H ASSY					
			1A	41228-201-004-003	L/H ASSY					
			2	41228-201-004-002	R/H ASSY					
			1	41228-201-004-001	L/H ASSY					
-006	-005	-004	-003	-002	-001	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC
QTY REQ'D						PARTS LIST				

ORIGINAL DATE (MO-DA-YR)	12-15-94	DRAWN BY T. MARVILLE
NEXT ASSY(S)		
41228-200-006		DRAWING APPROVAL
41228-200-005		
		CONTRACT No.
UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN INCHES		
TOLERANCES OR 2 PLACE DECIMALS $\pm .03$		
3 PLACE DECIMALS $\pm .010$		
ANGLES $\pm 10^\circ$		
SIZE	CAGE CODE	DWG. No.
B	07MZ6	41228-201-004
REV		F
SCALE	NONE	
SHEET 1 of 9		

APICAL INDUSTRIES, INC. 3000 TEMPLE HILLS DR. COVINGTON, GA 30092-3812 (770) 734-6300

SHELL ASSY

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ORIGINAL DATE (MO-DA-YR) 12-15-94		 <p>APICAL INDUSTRIES, INC.</p> <p>2008 TEMPLE MEADOWS DR. COURTESY, CA 92629-3512 (714) 734-6300</p>		
DRAWN BY	CHECKER			
T. HARMILE		DRAWING APPROVAL		
CONTRACT No.		SHELL ASSY		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS 4 .03 3 PLACE DECIMALS 1 .010 ANGLES 1 °				
SIZE B	CAGE CODE 07M26	DWG. No. 41228-201-004	REV F	
SCALE NONE	SHEET 3 of 9			

1 2 3 4 5 6 7 8

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A

A

B

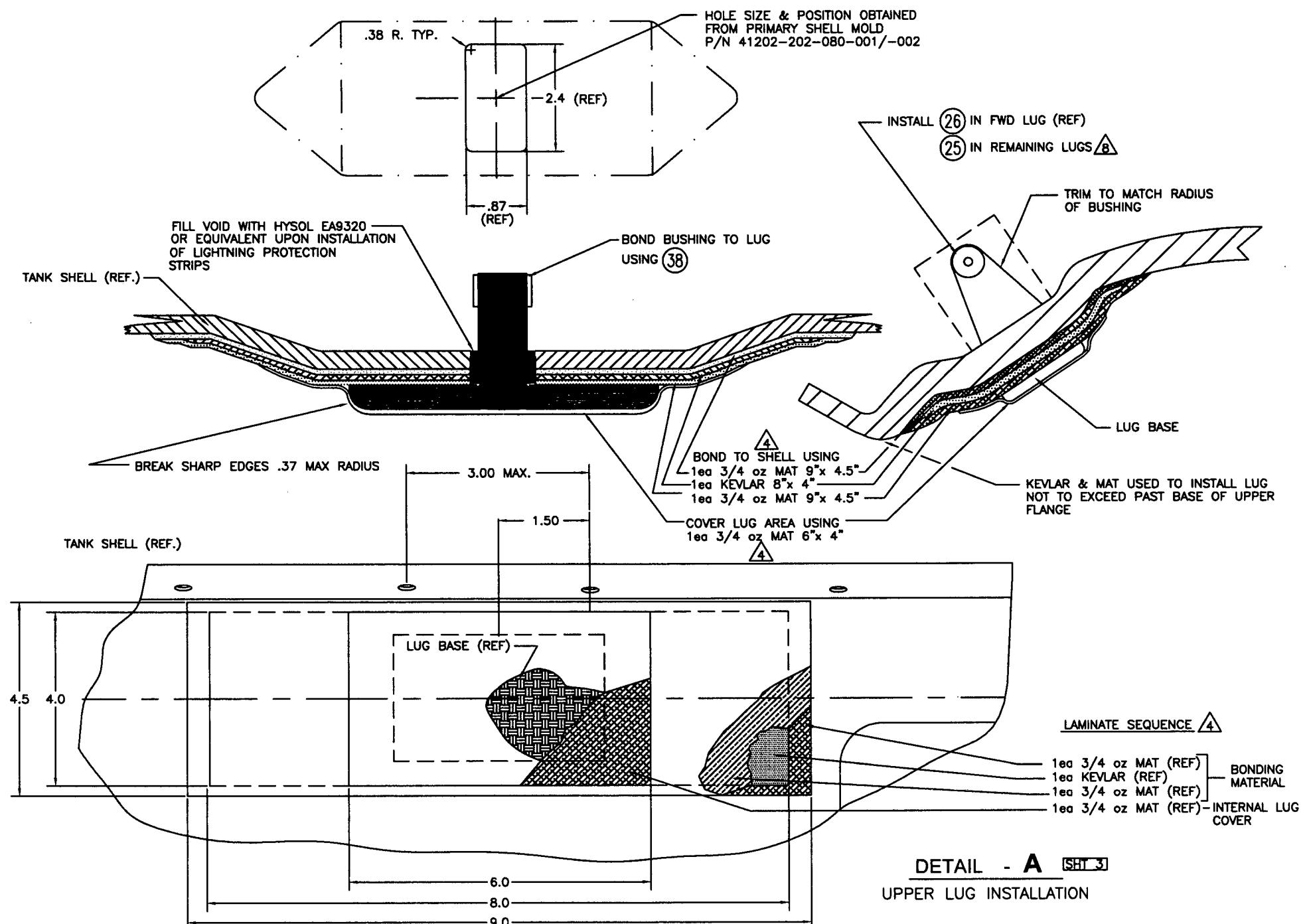
B

C

C

D

D



ORIGINAL DATE (MO-DA-YR)	12-15-94		
DRAWN BY	CHECKER		
T. HARVILLE			
DRAWING APPROVAL			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
TOLERANCES ON			
2 PLACE DECIMALS ± .03			
3 PLACE DECIMALS ± .000			
ANGLES ± 5°			
SIZE	CAGE CODE	DWG. No.	REV
B	07MZ6	41228-201-004	F
SCALE		NONE	
SHEET 4 of 9			

APICAL
INDUSTRIES, INC. 3008 TEMPLE HEIGHTS DR.
CORTESIA, CA 92626-5012 (760) 734-6300

SHELL ASSY

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A

A

B

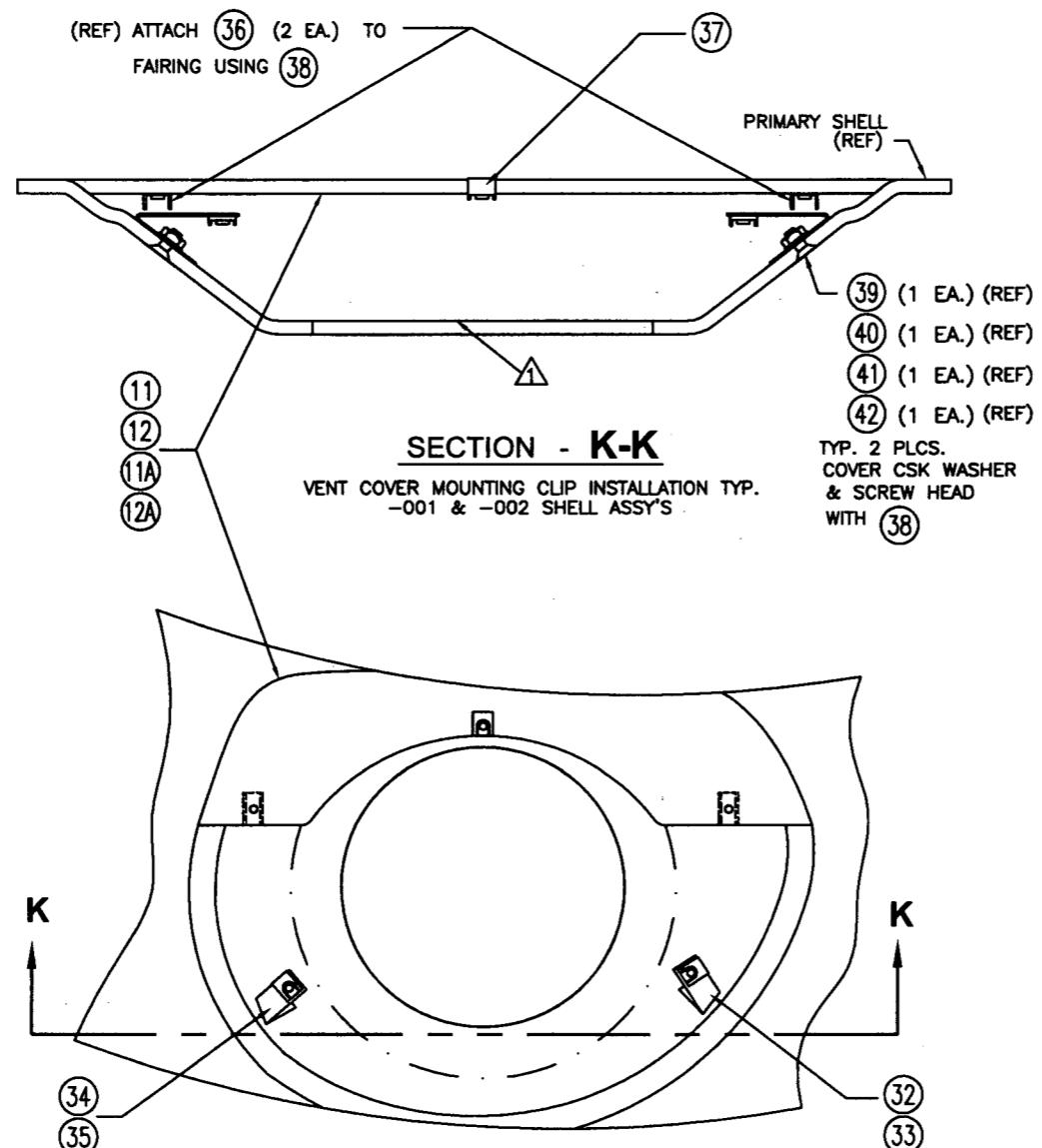
B

C

C

D

D



SECTION - E-E SHT 2

VIEW LOOKING DOWN AT VENT CAVITY
-001 & -002 SHELL ASSY'S

(B)

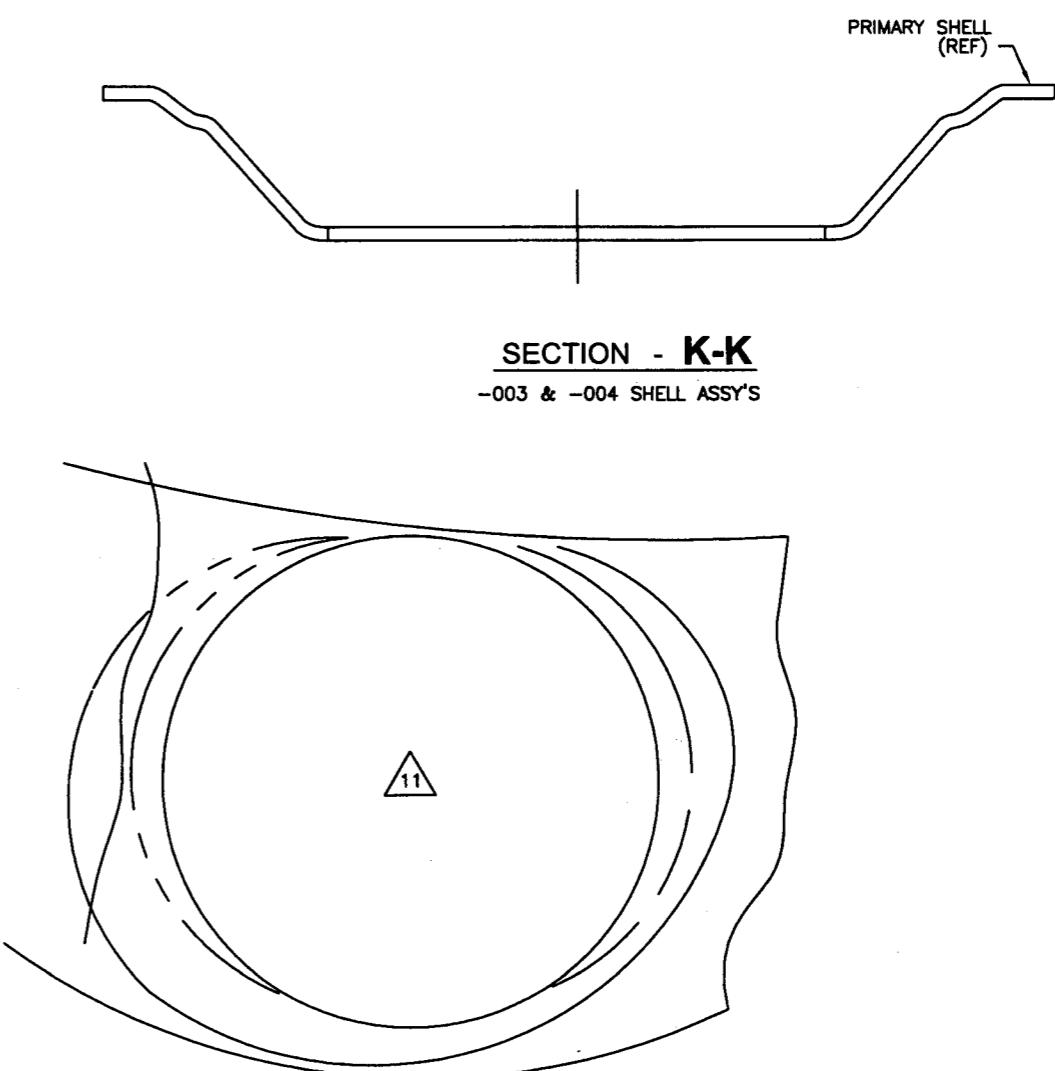
INB'D

FWD

SECTION - E-E SHT 2

VIEW LOOKING DOWN AT VENT CAVITY
-003 & -004 SHELL ASSY'S

(B)

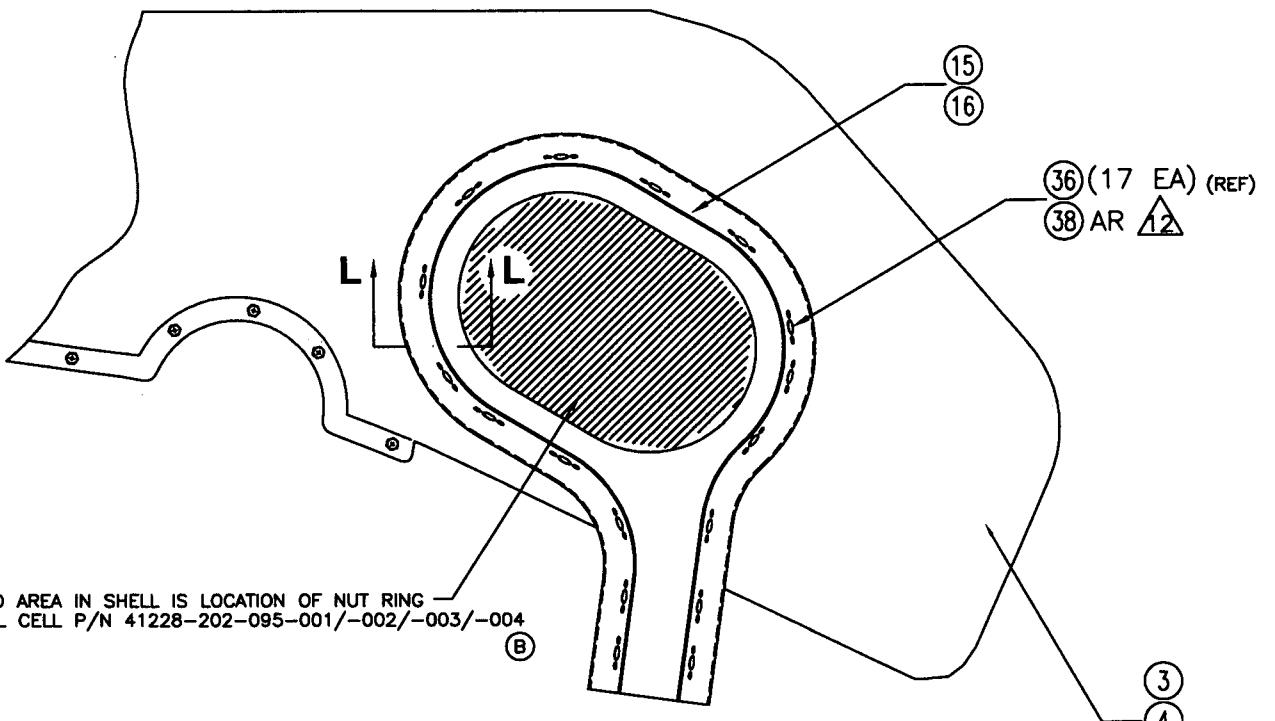


ORIGINAL DATE (MO-DA-YR)	12-15-94		
DRAWN BY	CHECKER		
T. HARVILLE			
DRAWING APPROVAL			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
TOLERANCES			
2 PLACE DECIMALS $\pm .02$			
3 PLACE DECIMALS $\pm .000$			
ANGLES $\pm 5^\circ$			
SIZE	CAGE CODE	DWG. No.	REV
B	07MZ6	41228-201-004	F
SCALE		NONE	
SHEET 5 of 9			

APICAL INDUSTRIES, INC. 2600 TEMPLE HEIGHTS DR. CYPRESS, TX 77429-5012 (281) 734-8200

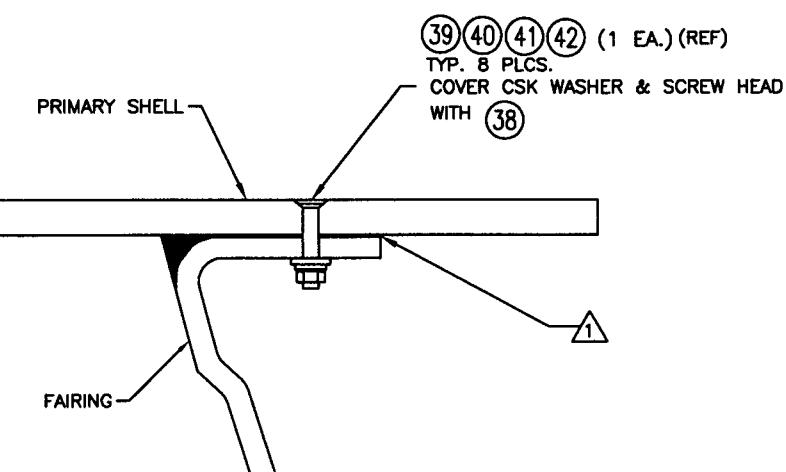
SHELL ASSY

1 2 3 4 5 6 7 8
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SECTION - D-D

INSTALLATION OF FUEL RETURN FAIRING



SECTION - L-L

FAIRING INSTALLATION TYP.

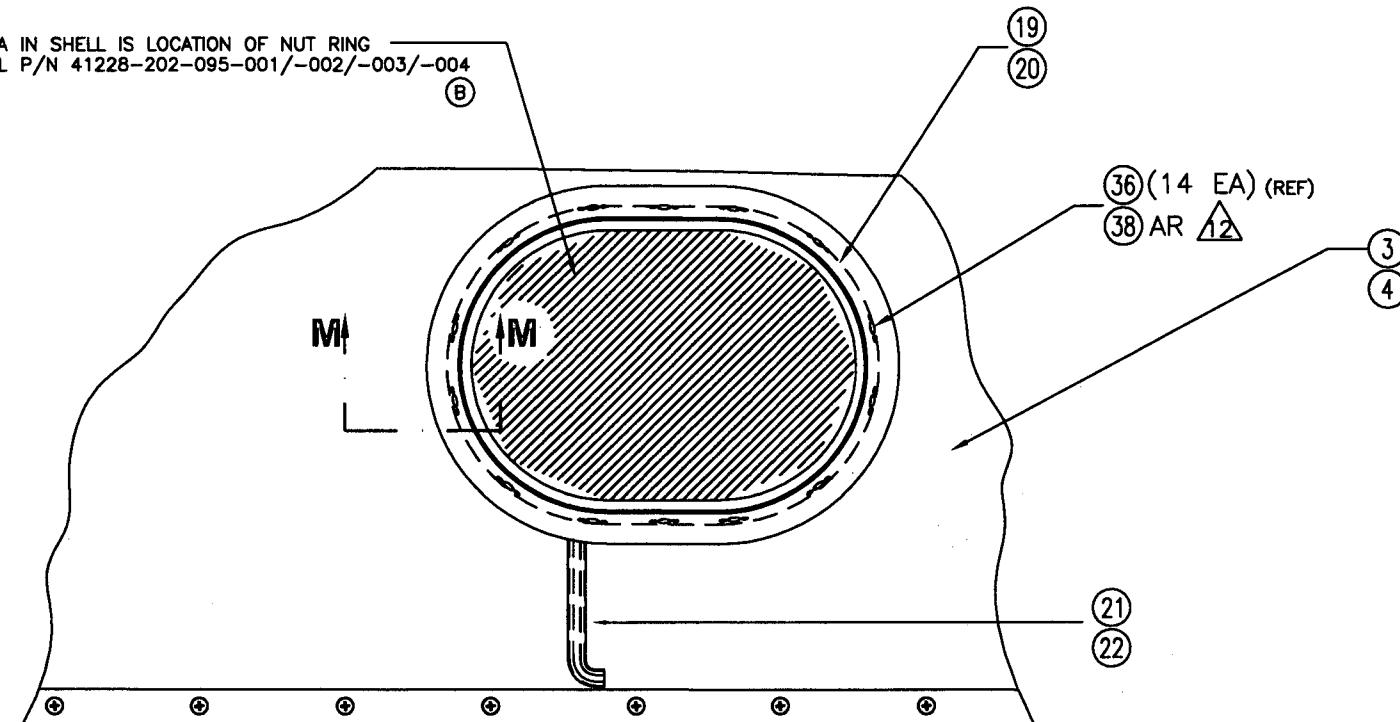
ORIGINAL DATE (MO-DA-YR)	12-15-94		
DRAWN BY	CHECKER		
T. HARVILLE			
DRAWING APPROVAL			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
TOLERANCES ON			
2 PLACE DECIMALS $\pm .03$			
3 PLACE DECIMALS $\pm .010$			
ANGLES $\pm 5^\circ$			
SIZE	CAGE CODE	DWG. No.	REV
B	07MZ6	41228-201-004	F
SCALE	NONE		SHEET 6 of 9

APICAL
 INDUSTRIES, INC. 200 TEMPLE HEIGHTS DR.
 OGDEN, UT 84404-6012 (800) 724-8300

SHELL ASSY

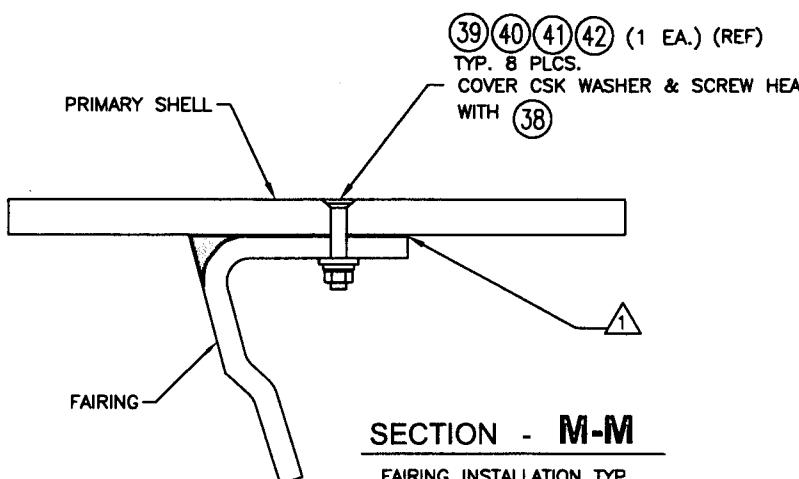
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HATCHED AREA IN SHELL IS LOCATION OF NUT RING
ON FUEL CELL P/N 41228-202-095-001/-002/-003/-004



SECTION - C-C

INSTALLATION OF TRANSFER PUMP FAIRING



SECTION - M-M

FAIRING INSTALLATION TYP.

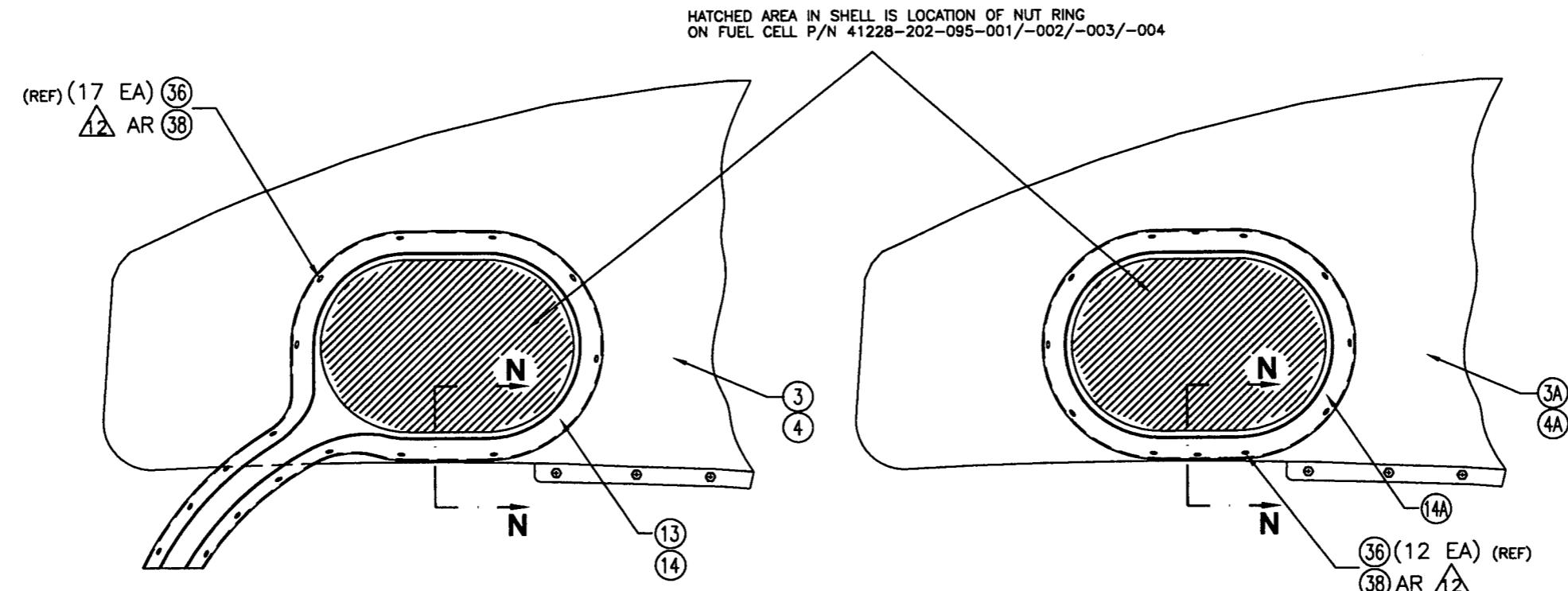
ORIGINAL DATE (MO-DA-YR)	12-15-84	DRAWN BY	CHECKER
T. HARVILLE		DRAWING APPROVAL	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
TOLERANCES ARE AS SHOWN			
2 PLACE DECIMALS $\pm .03$			
3 PLACE DECIMALS $\pm .010$			
ANGLES $\pm 5^\circ$			
SIZE	CAGE CODE	DWG. NO.	REV
B	07M26	41228-201-004	F
SCALE	NONE	SHEET 7 of 9	

APICAL
INDUSTRIES, INC.

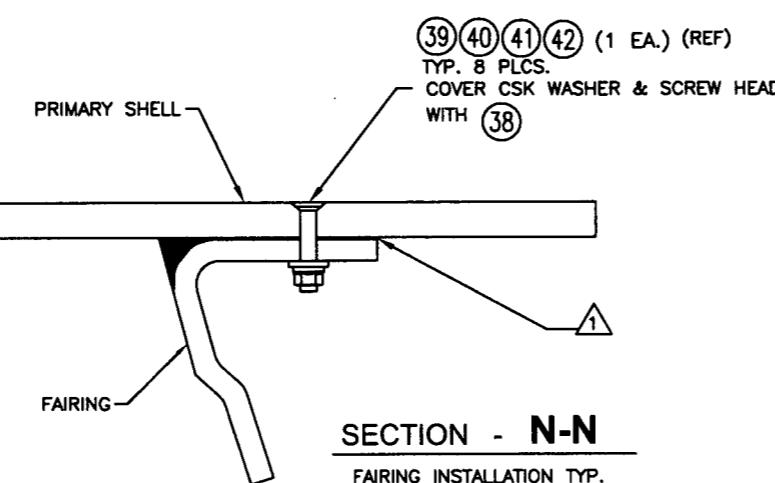
3600 TEMPLE HEIGHTS DR.
OCALA, FL 34474-3612 (904) 734-6300

SHELL ASSY

1 2 3 4 5 6 7 8
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INSTALLATION OF CROSS FEED FAIRING
 ON -001/-002 SHELL ASSY



INSTALLATION OF VENT FAIRING
 ON -003/-004 SHELL ASSY

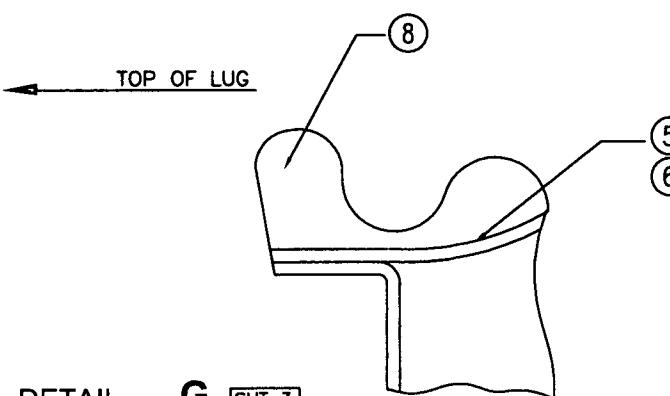
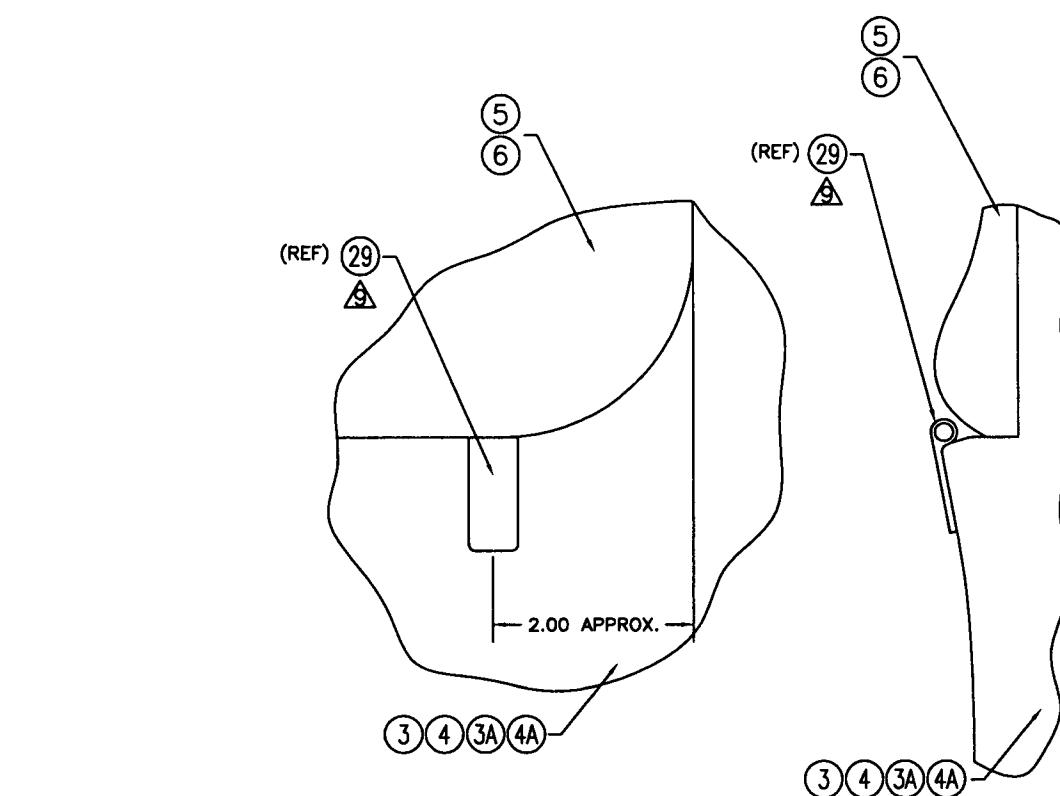
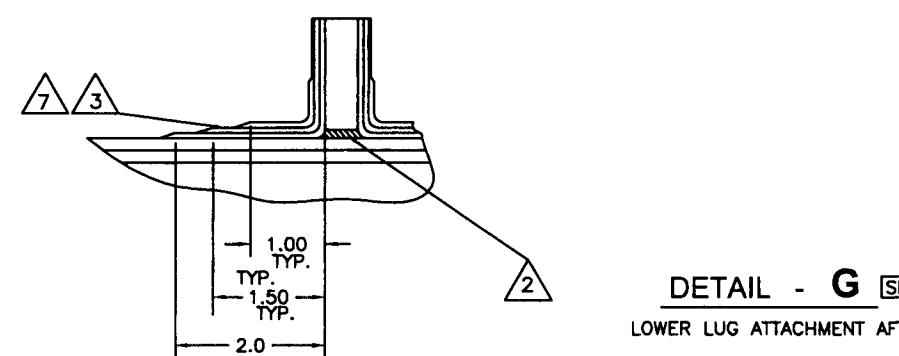
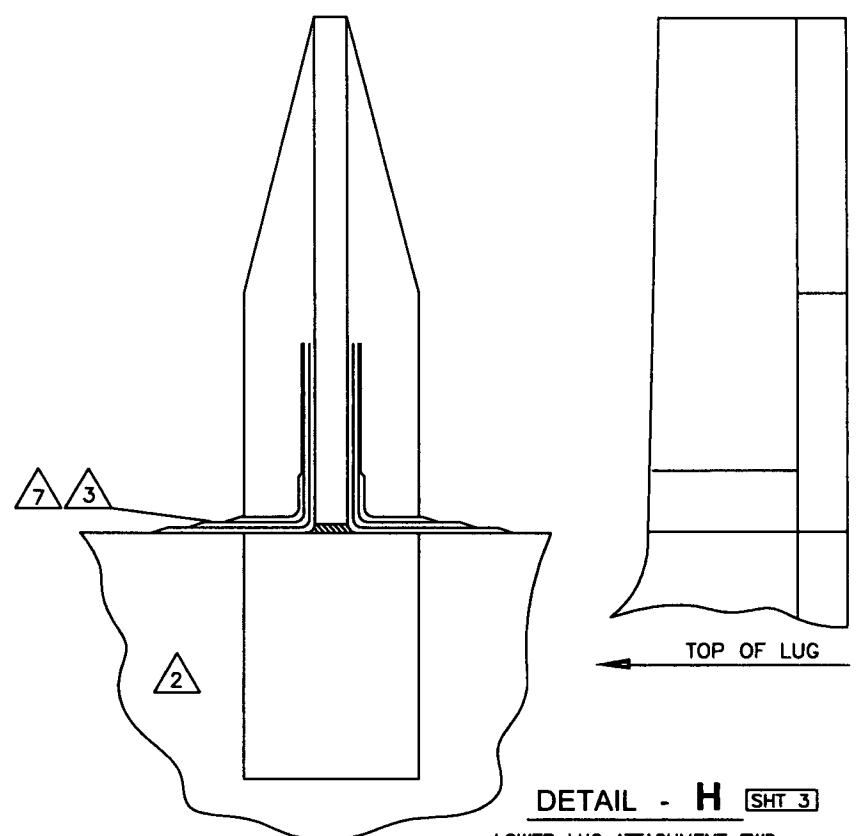
ORIGINAL DATE (MO-DA-YR)	12-15-94		
DRAWN BY	CHECKER		
T. HARVILLE			
DRAWING APPROVAL			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS IN INCHES			
TOLERANCES ON:			
2 PLACE DECIMALS $\pm .03$			
3 PLACE DECIMALS $\pm .006$			
ANGLES $\pm 5'$			
SIZE	CAGE CODE	DWG. No.	REV
B	07M26	41228-201-004	F
SCALE	NONE		
SHEET 8 of 9			

APICAL
 INDUSTRIES, INC. 2000 TEMPLE HILL RD. OCONEE, GA 30549-3812 (706) 794-6300

SHELL ASSY

1 2 3 4 5 6 7 8

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DRAWING APPROVAL		
CONTRACT No.		
UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN INCHES		
TOLERANCES ARE IN INCHES		
2 PLACE DECIMALS $\pm .03$		
3 PLACE DECIMALS $\pm .003$		
ANGLES $\pm 15'$		
SIZE	CAGE CODE	DWG. No.
B	07M26	41228-201-004
SCALE	REV F	
NONE		
SHEET 9 of 9		

APICAL
INDUSTRIES, INC. 500 TRIPLE HORN RD.
CONYERS, GA 30030-2512 (770) 724-6300

SHELL ASSY